

I claim as my invention:

1. A disposable undergarment adapted to be secured around the lower trunk of a person covering the person's genital area at a juncture of the legs with the lower truck, drawn between a pair  
5 of legs of the person to trap and collect moderate urine excreted by the person, comprising:

a flexible base sheet formed of a soft, pliable cloth-like material which includes a generally rectangular main panel of a width suitable to comfortably fit between the legs of the person, said main panel extending from a front edge thereof disposed forward of the genital area to a rear edge disposed rearward of the genital area and being of a length sufficient to cover the  
10 person's genital area as worn, and respective left and right straps which extend from said main panel adjacent said rear edge adapted to respectively extend leftward and rightward around the lower trunk of the person and including respective ends adapted to be removably retained to said main panel adjacent said front edge to securely hold the undergarment in place on the person as worn; and

a liquid absorbent pad attachable to an inner surface of said base sheet at said main  
15 panel covering the genital area as worn.

2. The disposable undergarment of claim 1, wherein the base sheet is made of a non-woven material.

3. The disposable undergarment of claim 2, wherein the non-woven material is chosen  
20 from the group consisting of cottons, cotton blends, rayon, nylons, polyester, polypropylene, and blends of these.

4. The disposable undergarment of claim 1, wherein at least an outer surface of the base  
25 sheet is printed with a decorative pattern.

5. The disposable undergarment of claim 1, wherein the straps are of a configuration chosen from the group consisting of linear extending rearwardly from the rear edge of the main panel and lateral extending laterally outwardly of the main panel.

5 6. The disposable undergarment of claim 5, wherein the straps are of the lateral configuration, comprising respective longitudinal legs which extend rearwardly from the rear edge of the main panel and respective transverse legs which extend outwardly leftward and rightward from respective ends of said longitudinal legs.

10 7. The disposable undergarment of claim 5, wherein the straps are interconnected by a transverse connecting strap.

8. The disposable undergarment of claim 1, wherein the length of the main panel is such that the rear edge thereof is disposed immediately behind the genital area as worn.

15 9. The disposable undergarment of claim 1, wherein the pad is permanently affixed to the main panel of the base sheet.

20 10. The disposable undergarment of claim 9, wherein the pad is affixed to the main panel at seams chosen from the group consisting of a pair of oppositely disposed lateral seams, a pair of oppositely disposed longitudinal seams, and at least one peripheral seam.

25 11. The disposable undergarment of claim 10, wherein each attachment device comprises interlockable parts affixed to the main panel and the straps of the base sheet adapted to removably interconnect said ends of said straps to said main panel.

12. The disposable undergarment of claim 11, wherein the interlockable parts of the attachment device comprise interlockable hook and loop patches.

13. The disposable undergarment of claim 12, wherein there are a pair of the attachment devices each including interlockable parts comprising connection halves, one connection half of each attachment device of said pair being affixed to the main panel adjacent the front edge thereof disposed in a mutually laterally spaced relationship, and remaining connection halves of each attachment device being respectively affixed to the ends of the left and right straps, said ends of said left and right straps each being of a length so as to overlap as worn extending around the lower trunk of the person.

14. The disposable undergarment of claim 1, wherein the pad includes an inner liner adapted to pass moisture therethrough and an outer liner affixed together at an outer peripheral area of each sandwiching a liquid absorbent core of a smaller outer periphery therebetween.

15. The disposable undergarment of claim 14, wherein the inner liner comprises a soft sheet made of moisture wicking fibers adapted to move moisture outwardly away from contact with the person's skin.

16. The disposable undergarment of claim 14, wherein the inner liner is made of a non-woven hydrophilic material and the outer liner is made of a non-woven hydrophobic material.

17. The disposable undergarment of claim 14, wherein the liquid absorbent core is made of a material chosen from the group consisting of non-woven cotton fibers, cellulose pulp fibers, super-absorbent particles, and a combination of at least two of these materials.

18. The disposable undergarment of claim 1, additionally comprising a liquid impermeable flexible barrier sheet affixed between the pad and the base sheet to provide a leak-proof barrier which prevents liquid from passing from said pad onto said base sheet.

5 19. The disposable undergarment of claim 18, wherein the barrier sheet is vapor permeable to permit dissipation of moisture in vapor form therethrough.

20. The disposable undergarment of claim 19, wherein the barrier sheet comprises a finely perforated plastic film.

10 21. The disposable undergarment of claim 1, wherein the absorbent pad is formed with a genital receiving cup adapted to cover a male person's penis and scrotum by at least one pair of elastic seams disposed longitudinally therealong to provide longitudinal moisture seals with the person's lower trunk and legs.

15 22. The disposable undergarment of claim 21, wherein there are respective pairs of inner and outer elastic seams to form the genital receiving cup and longitudinal moisture seals.

20 23. A disposable undergarment adapted to be secured around the lower trunk of a person covering the person's genital area at a juncture of the legs with the lower trunk, drawn between a pair of legs of the person to trap and collect urine excreted by the person, comprising:

25 a flexible base sheet formed of a soft, pliable cloth-like material which includes a generally rectangular main panel of a width suitable to comfortably fit between the legs of the person, said main panel extending from a front edge thereof disposed forward of the genital area to a rear edge disposed rearward of the genital area and being of a length sufficient to cover the person's genital area as worn, and respective left and right straps which extend from said main panel

adjacent said rear edge adapted to respectively extend leftward and rightward around the lower trunk of the person and including respective ends adapted to be removably retained to said main panel adjacent said front edge to securely hold the undergarment in place on the person as worn; and

a liquid absorbent pad attachable to an inner surface of said base sheet at said main panel covering the genital area as worn.

24. A disposable undergarment adapted to be secured around the lower trunk of a person covering the person's genital area at a juncture of the legs with the lower trunk, drawn between a pair of legs of the person to trap and collect urine excreted by the person, comprising:

a flexible base sheet formed of a soft, pliable cloth-like material which includes a generally rectangular main panel of a width suitable to comfortably fit between the legs of the person, said main panel extending from a front edge thereof disposed forward of the genital area to a rear edge disposed rearward of the genital area and being of a length sufficient to cover the person's genital area as worn, and respective left and right straps which extend from said main panel adjacent said rear edge adapted to respectively extend leftward and rightward around the lower trunk of the person and including respective ends adapted to be removably retained to said main panel adjacent said front edge to securely hold the undergarment in place on the person as worn;

a liquid absorbent pad attachable to an inner surface of said base sheet at said main panel covering the genital area as worn; and

wherein said base sheet is made of a non-woven material, said straps are of a configuration chosen from the group consisting of linear extending rearwardly from said rear edge of said main panel and lateral extending laterally outwardly of said main panel, said straps are interconnected by a transverse connecting strap, said length of said main panel is such that said rear edge thereof is disposed immediately behind the genital area as worn, said pad is permanently affixed to said main panel.